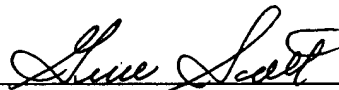


### REMARKS

1. Claims 1-19 are pending in the application and are rejected under 35 USC §112, first paragraph for lack of enablement. However, the above amendment traverses this rejection by incorporating references from the prior art that were issued prior to the priority date of the present application, and that teach the frequency shifting and frequency dividing in such a manner as to show that one of skill in the art would find it possible to build and operate the invention without difficulty from the specification as filed or alternately with the incorporated references.
2. Claims 5, 8, 11 and 14 are rejected under 35 USC 112 for improper dependency. However, dependency has been changed in accordance with section 112 as follows: claims 5 and 6 depending on claim 4; claims 8 and 9 depending on claim 7; claims 11 and 12 depending on claim 10; and claims 14-19 depending on claim 13.
3. A petition and fee for extension of time in the present response of 3 months is enclosed herewith. Therefore this amendment is timely filed as of the date of deposit shown below.
4. The following references are enclosed herewith: US 5587673, US 5589985, US 5572561 and US 5680067.
5. Applicant respectfully requests allowance of claims 1-19 as the above amendment has placed these claims into condition for allowance.

Respectfully submitted,



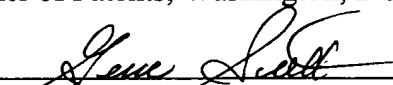
Gene Scott, Reg. No.: 37,930

Patent Law & Venture Group  
3151 Airway Avenue, Suite. K105  
Costa Mesa, CA 92626.  
Telephone: Phone: (714) 668-1900

### Certification

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: "Box Fee Amendment, Commissioner of Patents, Washington, DC 20231," on February 15, 2002 date of deposit.

Signature: \_\_\_\_\_

  
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